

# REPORT

FOR THE YEAR 1911,

PRESENTED TO THE

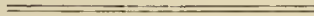
CLAYPOLE

Rural District Council

BY

HERBERT E. MIDDLEBROOKE,

MEDICAL OFFICER OF HEALTH.



NEWARK :

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# List of Parishes comprised in the Claypole Rural District.

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ALLINGTON.

BARKSTON.

BASSINGHAM.

BECKINGHAM.

BENNINGTON.

BENNINGTON GRANGE.

BRANT BROUGHTON.

CARLTON-LE-MOORLAND.

CAYTHORPE.

CLAYPOLE.

DODDINGTON.

FENTON.

FOSTON.

FULBECK.

HOUGHAM.

MARSTON.

NORTON DISNEY.

NORTH SCARLE.

SEDGEBROOK.

STAPLEFORD.

STRAGGLETHORPE.

STUBTON.

SWINDERBY.

SYSTON.

THURLBY.

WESTBOROUGH.

# Claypole Rural District Council.

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## Chairman :

MR. R. C. BEMROSE, J.P.

## Vice-Chairman :

MR. W. V. R. FANE, J.P.

## Members :

MR. W. H. BINGHAM.

„ H. COLLIN.

„ W. E. BROCKLEBANK.

„ P. BURTON.

„ J. STAPLES.

„ WM. RAWDING.

„ WM. HUTCHINSON.

„ THOS. HUTCHINSON.

„ JOSEPH HUTCHINSON.

MR. H. JOHNSON

REV. R. D. KING.

MR. GEORGE COLTON.

„ H. KENNEWELL.

„ J. T. PALMER.

„ GEORGE PARKE.

„ A. REVILL.

„ F. CODD.

„ J. W. SCOTT.

„ WM. SLINGSBY.

„ R. STANHOPE.

„ THOMAS WILKINSON.

„ G. THOMPSON.

## Clerk :

A. J. FRANKS, SOLICITOR, NEWARK.

## Medical Officer of Health :

HERBERT E. MIDDLEBROOKE, L.M.S.S.A., (LOND.),

Fellow of the Royal Institute of Public Health,

LONG BENNINGTON.

## Surveyor of Highways and Inspector of Nuisances :

F. C. MEYRICK, C.E., BECKINGHAM.

TO THE  
*Rural District Council of Claypole.*

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GENTLEMEN,

I have the pleasure to present to you my first Annual Report for the year 1911.

Your District is an extremely flat one and very wide in its area. It contains 26 villages with a total acreage of 58,260 acres. The population is 7,918 (1911 Census), the majority of whom are engaged in agriculture. There are no offensive trades or occupations carried on in your District.

*The Water Supply* of the District is not very satisfactory in the majority of cases. Two villages—Fulbeck and Stapleford—have public supplies. The remaining parts of your District depend upon surface wells, the water from which is extremely hard, and from the river Witham and its tributaries the Beck and Brant, which are always liable to contamination from manured lands, &c. I have analysed samples during the year from Fulbeck, Caythorpe, Claypole, Hougham, and Long Bennington. Several of the public wells in the District have been cleaned out during the summer. The chief complaint I have to bring to your notice in regard to wells is: the too frequent habit of emptying manure and other refuse too

near the wells, and the brickwork of the well is usually not carried high enough above the ground, but is usually flush with the soil, and so does not prevent any impurities percolating through the soil. The insides of the wells are too frequently built up of loose brickwork instead of being cemented together with mortar.

The river Witham runs through the District, and is undoubtedly polluted in several parishes through an impure effluent entering it. I have analysed during the year several samples of these effluents, and alterations are being made to the settling tanks in the parishes of Claypole and Barkstone, and I have no doubt these alterations will tend to stop the pollution and the river water will be greatly improved.

*The Drainage and Sewerage* for the most part is by covered in sewers to the extreme edge of the parishes, and thence by wide open ditches well away from the villages. During the year new sewers have been laid at Bassingham, Barkstone, and Caythorpe.

*The Closet Accommodation* in many cases is far from satisfactory. Many of these are often mere pits emptying into cesspools, with defective brickwork. Whenever this nuisance has been found, the landlord has immediately been written to, with the request that he will give the matter his immediate attention, and the house inspected after the work has been completed.

The non-disposal and accumulation of house refuse frequently cause nuisances. These are usually abated upon the owner being written to.

*Elementary Schools.*—These are under the care of a School Medical Officer (Dr. Lowe), who reports to me as follows: There has recently been made improvements in the Hygienic Conditions of the Elementary Schools in your District. Arrangements have been made whereby the privies are to be emptied at more frequent intervals, and improved methods have been introduced for ventilating them. New stoves of a modern type are replacing the undesirable and unhealthy slow combustion stoves; also the lighting is receiving attention.

Only one school in your District has been closed during the year for infectious disease, namely: Foston for Whooping Cough.

*Milk Supply.*—The Dairies and Cow-sheds now on the Register number 71. These have all been inspected during the year and found in the majority of cases to be in excellent condition. In one or two cases the floors were in a bad state, but the owners have put the matter right upon intimation. It is to be noted and regretted that in many villages where cows are kept, it is extremely difficult for the villagers to get milk, even in case of illness.

There is no form of Isolation Hospital available in your District, and although as you will see by Table V., the number of cases of Infectious Disease is diminishing each year; this is no guarantee that at some future time there might not be a sudden outbreak.

I consider that an Isolation Hospital for your District would be of great advantage, and would no doubt tend still further to diminish the number of infectious cases.



In the majority of these cases it is quite impossible to properly isolate the patient in the class of house in which they live.

Upon receipt of notification of Infectious Cases, I immediately supply disinfectants and isolation notices, and as soon as possible I visit the premises and advise isolation, etc., and try to discover the cause of the illness. Any nuisance found during this visit is ordered to be abated.

When the illness is concluded, the premises are disinfected by your Inspector.

*Under the Housing and Town Planning Act* the work in the District is being proceeded with. This Act entails house-to-house inspection by the Medical Officer of Health and the Sanitary Inspector, with a view to the abatement of insanitary conditions.

The chief defects found are : insufficient light and ventilation ; defective roofs and spouting ; pig styes too near the dwelling ; D. traps and defective drains ; privies in bad condition and cesspools not emptied frequently enough. During the year 142 inspections have been made in the following parishes : Bassingham, Swinderby, Barkstone, Carlton, Brant Broughton, Frieston, and Caythorpe. I am glad to report that the landlords are taking the measure in the right spirit, and in most cases the improvements are being satisfactorily carried out.

*Factory and Workshop Act.*—At the end of the year there were 101 Workshops and Factories on the Register, details of which are appended.

Table I. gives the Vital Statistics for the whole District for the year 1911 and previous years from 1906.

It is interesting to note how very little the Birth rate alters year by year. The Death rate appears to be very much below the average; this is accounted for by the estimation of the population being rather too low for the last four years.

There were 161 Births and 113 Deaths, as against 160 Births and 117 Deaths in the previous year.

Table II. shews the number of Notifiable Infectious Illnesses throughout the District and its Sub-divisions. There were 25 cases notified, as against 28 in the previous year. Under the 1908 Regulations one case of Phthisis was notified, and this case proved fatal.

Table III. shews the Causes of and Ages at Death. It is interesting to note that between the ages of 5 and 15 there were no deaths, and only one between the ages of 5 and 25. Of the defined causes 15 deaths were due to Senile Decay, and a like number to Heart Disease, 7 were due to Pulmonary Tuberculosis and 13 to Cancer. The remainder are due to the various causes shown.

*Infant Mortality.*—Table IV.—Premature Birth occasions 6 deaths, Enteritis 3. All Tuberculous Diseases are conspicuous by their absence. 162 Births were registered in the District, and only two of these were illegitimate.

Speaking generally, I am satisfied that the general health of the whole District during 1911 has been very satisfactory.



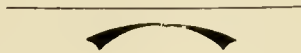
In conclusion, I have to thank the Rev. Vere F. Willson and Joseph Brocklebank, Esq., for their kindness in allowing me to include their Rainfall and Temperature records for the year.

I am, Gentlemen,

Your obedient Servant,

HERBERT E. MIDDLEBROOKE.

*Long Bennington,  
Grantham,  
February, 1912.*



# Claypole Rural District Council.

## REPORT OF THE INSPECTOR OF NUISANCES

*For the Year ending December 31st, 1911.*

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Nuisances reported to Council	...	...	...	9
Cases not proceeded with	...	...	...	0
Nuisances abated	...	...	...	9
Nuisances unabated at end of year	...	...	...	0
Official Notices issued	...	...	...	1
Cases Prosecuted by Authority	...	...	...	0
Water Supply enforced	...	...	...	0
Wells Cleaned out	...	...	...	5
New Sewers laid	...	...	...	3

I have inspected all Bake-houses, Registered Cow-sheds, and Slaughter-houses in the District, and generally speaking their condition is satisfactory.

F. C. MEYRICK,

Sanitary Inspector.

TABLE I.

## CLAYPOLE RURAL DISTRICT COUNCIL.

## Vital Statistics of Whole District during 1911 and previous Years.

YEAR.	Population estimated to middle of each Year.	BIRTHS.		TOTAL DEATHS REGISTERED IN THE DISTRICT.		TRANSFERABLE DEATHS		NET DEATHS BELONGING TO THE DISTRICT.			
		Number.	Rate.	Number.	Rate.	of Non-residents registered in the District.	of Residents registered in the District.	Under 1 Year of Age.		At all Ages.	
								Number.	Rate per 1000 Net Births.	Number.	Rate.
1906	8246	142	17.22	114	13.82	.....	.....	11	77.46	114	13.82
1907	8180	156	19.07	119	14.54	2	.....	19	121.79	117	14.30
1908	7890	160	20.27	101	12.81	1	.....	7	43.75	108	13.68
1909	7426	162	21.81	134	18.04	.....	7	15	92.60	141	18.98
1910	7384	160	21.66	107	14.49	.....	10	17	94.11	117	15.84
1911	7918	161	20.34	110	13.88	.....	3	16	98.75	113	14.27

Total Population at all ages 7918 ; Number of Inhabited Houses 1996 ; Average number of Persons per house 4.08 ; at Census of 1911.

Area of District in acres (exclusive of area covered by water) 58260.

TABLE II.

## CLAYPOLE RURAL DISTRICT COUNCIL.

## Cases of Infectious Disease Notified during the Year 1911.

NOTIFIABLE DISEASE.	Number of Cases Notified.							Total Cases Notified in each Locality.			
	At all Ages.	At Ages—Years.						Balderton Sub-District.	Claypole Sub-District.	Bassingham Sub-District.	Collingham Sub-District.
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 45.	45 to 65.	65 and upwards.			
Small Pox .....	...	...	...	...	...	...	...	...	...	...	...
Cholera.....	...	...	...	...	...	...	...	...	...	...	...
Diphtheria (including Membranous croup) ..	4	...	...	1	2	1	...	...	2	2	...
Erysipelas .....	7	...	...	...	2	1	2	2	3	...	4
Scarlet Fever .....	9	...	1	5	3	...	...	...	4	...	2
Typhus Fever .....	...	...	...	...	...	...	...	...	...	...	...
Enteric Fever .....	3	...	...	...	2	1	...	...	3	...	...
Relapsing Fever .....	...	...	...	...	...	...	...	...	...	...	...
Continued Fever .....	..	...	...	...	...	...	...	...	...	...	...
Puerperal Fever .....	1	...	...	...	...	1	...	...	1	...	...
Plague .....	...	...	...	...	...	...	...	...	...	...	...
<i>Under Tuberculosis Regulations, 1908</i>	1	...	...	...	...	...	...	1	...	...	...
<i>Under Tuberculosis Regulations, 1911</i>	...	...	...	...	...	...	...	...	...	...	...
<i>Others .....</i>	...	...	...	...	...	...	...	...	...	...	...
Totals .....	25	...	1	6	9	4	2	3	4	13	6

Isolation-Hospital—None.

TABLE III.

## CLAYPOLE RURAL DISTRICT COUNCIL.

Causes of, and Ages at Death during the Year 1911.

CAUSES OF DEATH.		Net Deaths as the subjoined Ages of "Residents" whether occurring within or without the District.								
		All Ages.	Under 1 year.	1 and under 2.	2 and under 5.	5 and under 15.	15 and under 25.	25 and under 45.	45 and under 65.	65 and upwards.
All causes {	Certified .....	107	16	2	3	...	1	9	20	56
	Uncertified .....	3	...	...	...	...	...	...	2	1
Whooping Cough .....		2	1	...	1	...	...	...	...	...
Influenza .....		2	...	...	1	...	...	...	...	1
Phthisis (Pulmonary Tuberculosis) .....		7	...	...	...	...	...	3	3	1
Other Tuberculous Diseases.....		2	...	...	...	...	...	1	1	...
Cancer, malignant disease.....		13	...	...	...	...	...	...	6	7
Bronchitis .....		6	...	...	...	...	...	1	1	4
Broncho-Pneumonia .....		3	1	2	...	...	...	...	...	...
Pneumonia (all other forms).....		2	...	...	...	...	...	1	1	...
Other Diseases of Respiratory Organs .....		2	...	...	...	...	...	...	...	2
Diarrhœa and Enteritis.....		5	4	...	...	...	...	...	...	1
Alcoholism .....		1	...	...	...	...	...	...	1	...
Cirrhosis of Liver .....		1	...	...	...	...	...	...	...	1
Nephritis and Bright's Disease..		1	...	...	...	...	...	...	...	1
Puerperal Fever .....		1	...	...	...	...	...	1	...	...
Congenital Debility and Malformation, including Premature Birth .....		6	6	...	...	...	...	...	...	...
Violent Deaths, excluding Suicide .....		4	...	...	1	...	...	1	1	1
Suicides .....		1	...	...	...	...	...	...	...	1
Senectus .....		15	...	...	...	...	...	...	...	15
Heart Diseases .....		15	...	...	...	...	...	...	4	11
Other Defined Diseases .....		21	4	...	...	...	1	1	4	11
TOTALS.. .....		110	16	2	3	...	1	9	22	57

TABLE IV.  
CLAYPOLE RURAL DISTRICT COUNCIL.  
INFANT MORTALITY.

Net Deaths from stated causes at various Ages under One Year of Age.

CAUSE OF DEATH.	Under 1 Week.	2-3 Weeks.	Total under 1 month.	1-3 Months.	3-6 Months.	6-9 Months.	9-12 Months.	Total Deaths under 1 year.
Whooping Cough .....	..	..	..	..	..	1	..	1
Diarrhœa .....	..	..	..	..	1	..	..	1
Enteritis .....	..	..	..	1	..	1	1	3
Premature Birth .....	4	1	5	..	..	1	..	6
Convulsions .....	..	..	..	..	1	..	..	1
Gastritis .....	..	..	..	..	2	..	..	2
Pneumonia (all forms) .....	..	..	..	..	..	..	1	1
Other Causes .....	1	..	1	..	..	..	..	1
All Causes { Certified .....	5	1	6	1	4	3	2	16
{ Uncertified .....	None	..	..	..	..	..	..	..

Net Births in the year { legitimate 159.  
  { illegitimate 2.

Net Deaths in the year of { legitimate infants 15.  
  { illegitimate infants 1.



TABLE V.  
CLAYPOLE RURAL DISTRICT COUNCIL.

*Shewing the Number of Infectious Cases during the last Five Years.*

YEAR.	Diphtheria.	Scarlet Fever.	Erysipelas.	Puerperal Fever.	Typhoid.	Pulmonary Tuberculosis.	TOTAL.
1907	26	25	8	1	2	...	62
1908	11	29	8	...	2	...	50
1909	10	4	4	1	...	...	19
1910	4	13	10	...	1	...	28
1911	4	9	7	1	3	1	25
TOTALS...	55	80	37	3	8	1	184

## CLAYPOLE RURAL DISTRICT COUNCIL.

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Phthisis : Sanatorium and Hospital  
Accommodation.

By whom provided.	Do the Sanitary Authority use— (1) their Isolation Hospital, or (2) their Small Pox Hospital, for cases of Phthisis ?	Do the Sanitary Authority reserve Beds in any Phthisis Sanatorium : If so, how many, and in what Sanatorium ?	Do the Sanitary Authority provide portable open-air Shelters or Tents ?
NO.	NO.	NO.	NO.

Have the Council, or any Private Body, provided  
a Dispensary. If so give particulars. } NO.

HERBERT E. MIDDLEBROOKE,

*Medical Officer of Health.*

*March, 1912.*

## CLAYPOLE RURAL DISTRICT COUNCIL.

## Factories, Workshops, Workplaces, and Home Work.

## INSPECTION.

*Including Inspections made by Sanitary Inspector or Inspector of Nuisances.*

PREMISES.	Number of Inspections.
Factories ... .. (Including Factory Laundries)	2
Workshops ... .. (Including Workshop Laundries)	12
Workplaces ... .. (Other than Outworkers' premises included in Part 3 of this Report)	
Total .. ..	14

## REGISTERED WORKSHOPS.

WORKSHOPS ON REGISTER AT END OF THE YEAR.	Number.
Bakehouses ... ..	16
Milk Sterilising Depot ... ..	1
Joiners and Wheelwrights ... ..	27
Blacksmiths and Cycle Repairers ... ..	22
Saddlers, Boot Makers, Tailors, and Millers ... ..	32
Laundries ... ..	2
Osier Peeling... ..	1
Total ... ..	101

HERBERT E. MIDDLEBROOKE,

*Medical Officer of Health.*

# RAINFALL IN 1911.

At FULBECK, in the County of Lincoln.

Rain Gauge { Diameter of Funnel 5in.  
Height of Top } Above Ground 1ft.  
Above Sea Level 180ft.

Month.	Total Depth.	Greatest Fall in 24 hrs.		No. of days with '01 or more recorded.
		Inches.	Date.	
January .....	1'15	'26	8	14
February .....	1'14	'32	21	15
March.....	1'57	'28	12	23
April .....	'81	'16	4	13
May .....	1'29	'56	26	6
June .....	2'41	'97	23	12
July .....	'34	'21	29	6
August .....	1'47	'28	20	15
September .....	1'36	'53	23	11
October .....	1'97	'33	22	17
November .....	2'17	'42	26	24
December .....	3'67	'49	11	26
TOTAL.....	19'35			182

V. F. WILLSON.

## RAINFALL IN 1911.

At CARLTON-LE-MOORLAND, in the County of Lincoln.

Month.	Total Depth.	Greatest Fall in 24 hrs.		Number of Days with .01 or more recorded.
	Inches.	Inches.	Date.	
January .....	1.24	.29	7	9
February .....	.69	.21	22	9
March .....	1.67	.23	13	20
April .....	.90	.17	5	12
May .....	1.28	.71	27	5
June.....	2.39	1.24	25	8
July.....	.50	.31	30	4
August .....	2.03	.64	21	11
September .....	1.43	.50	13	7
October .....	2.01	.51	5	12
November .....	1.88	.31	20	17
December .....	3.14	.40	14	24
TOTALS .....	19.16			138

JOSEPH BROCKLEBANK.

## Comparison of Rainfall and the Number of Infectious Cases.

Year.			Rainfall.			Number of Infectious Cases Notified.
			Inches.			
1898	...	...	18.24	...	...	76
1899	...	...	21.18	...	...	32
1900	...	...	26.96	..	...	16
1901	...	...	21.05	...	...	63
1902	...	...	22.61	...	...	44
1903	...	...	28.26	...	...	8
1904	...	...	19.66	...	...	16
1905	...	...	20.67	...	...	57
1906	...	...	23.02	...	...	43
1907	...	...	24.20	...	...	62
1908	...	...	20.33	..	...	50
1909	...	...	25.71	...	...	19
1910	...	...	25.87	...	...	28
1911	...	...	19.35	...	...	25



# TEMPERATURE, 1911.

Taken at the Fulbeck Parsonage.

<i>Month.</i>	<i>Max.</i>	<i>Date.</i>	<i>Min.</i>	<i>Date.</i>
January .....	52·3	26	27·8	31
February .....	58·0	22	20·0	1
March .....	55·6	2	30·0	5 & 13
April .....	62·0	15	26·5	5
May.....	77·8	27	36·0	9
June.....	83·6	5	36·8	15
July .....	91·4	29	43·0	11
August.....	95·8	9	47·6	31
September ....	89·3	7	39·0	16
October .....	62·7	8	29·0	28
November .....	54·6	16	30·0	21
December.....	53·0	17	31·0	8 & 31

A very hot summer and harvest early.

V. F. WILLSON.

## VACCINATION RETURN.

District.	Births.	Vaccinated.	Insusceptible	Conscientious Objections.	Dead.	Postpone- ments.	Removals.
CLAYPOLE.							
1911    ...    ...	100	31	...	47	4	5 13 under 4 months.	...
BASSINGHAM.							
1911    ...    ...	35	12	..	15	2	2 4 under 4 months.	...

*January 15th, 1912.*

GILBERT HARDWICK, *Vaccination Officer.*



